Environmental Engineering and Management Journal xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
http://www.eemj.icpm.tuiasi.ro/; http://www.eemj.eu

"Gheorghe Asachi" Technical University of Iasi, Romania

TELEOLOGICAL AND DEONTOLOGICAL JUDGEMENT OF CLIMATE-RELATED INNOVATIONS: MANAGERS' PERCEPTION STUDY

Agnieszka Karman*

Faculty of Economics, Maria Sklodowska Curie University, Pl. Sklodowskiej 5, 20-031 Lublin, Poland

Abstract

Ethical perception of innovations is a research area which has been advocated as a suitable topic for study in recent years. Its focused on moral judgement (recognition that innovation has an ethical dimension), moral decision making and actions. From the point of view of climate change and climate-related innovation the ethical perception affects the involvement in the process of its implementation. In this paper, we use the context of climate change to explore the relations between ethical interpretation and innovation in more detail. The article aims at presenting considerations and research findings dealing with perception of climate-related innovation from the ethical perspective. We use the exploratory cluster analysis to develop a set of propositions to explain when interpretation in terms of opportunities, threats or concern may, in fact, encourage innovations. The population of the analysis involved 750 organizations. We present two mediation mechanisms (teleological and deontological); these are individual moral obligations and seeking for social legitimacy. At the center of a deontological approach, there are principles of justice, basic rights, duties, obligations, responsibilities, proper conduct, and inherent natural rights of others. Teleological judgement lies in assessing its consequences and looking for a social legitimacy thanks to emphasizing positive effects. The paper contributes to the literature by identifying ethical aspects relating managerial interpretation to climate-related innovations. Firstly, it extends the theory of innovation management to the ethical aspects of climate-related innovations. Secondly, the paper provides empirical evidence regarding the perception (in ethical and managerial terms) of climate-related innovations by managers.

Keywords: climate change, deontological ethics, innovations, teleological ethics

Received: July, 2020; Revised final: December, 2020; Accepted: February, 2021

* Authors to whom all correspondence should be addressed: e-mail: agnieszka.karman@poczta.umcs.lublin.pl; Phone +48815377553